

ASSOCIATE SUPERINTENDENT APPROVAL: _____

STATE BOARD MEETING DATE: 10/24/11

SUBJECT: AELAS: ADE Data System Modernization: Status Update

SUBMITTED BY: Mark Masterson, CIO / Pamela Smith, Program Manager

AGENDA REVIEW MEETING DATE: 10/6/11

STATUS REPORT:

- **SAIS (Student Accountability Information System)** is ADE system designed that serves as the fundamental integration toolset for statewide school finance processes and services to local education agencies (LEAs).
Status Update: The target for FY12 40 Day Aggregation has launched October 6, 2011. SAIS Optimization Assessment Phase 0 completed. The Project Team is currently working towards delivery of phase 1 deliverables and is tracking to budget and time. Phase 1 includes the Assessment, POC and Recommendation for Real Time Integrity and the Assessment for Payments. The approval to accelerate payments was received on 09/27/2011.
- **AZ-SLDS (Arizona Statewide Longitudinal Data System)** is a system that provides student-level data to school districts and charter schools that will empower educators with the ability to make data-driven decisions to improve student achievement.
Status Update: Per Governor's Office request, interim static data reports will be created and posted onto ADE website (October 15, 2011) while new dashboard (user computer screen design to access aggregate district/school reporting) is developed and implemented January 2012.
 - Course Mapping RFP is published with a response due date of October 18, 2011. Responses will be evaluated and a recommendation communicated no later than October 31.
 - Course Mapping project documentation to be defined after RFP is awarded. Rollout and Communication Plans started.
 - Dashboard DRAFT Statement of Work (SOW) was submitted by Microsoft, and currently reviewed by ADE to achieve final approved document no later than October 31, 2011.
 - Dashboard high-level DRAFT Use Cases started, and team to complete detailed Use Cases with identified required data from DWH, pending finalized SOW from Microsoft.

PLEASE NOTE: The portion of **AZ-SLDS that is covered under AELAS Funding:** ADE System Modernization program includes **ONLY** dashboards development with existing ADE statewide longitudinal data warehouse.

- **Great Plains:** Great Plains is a Microsoft Financial Systems Management product.
Status Update: ADE IT is in the beginning stages of implementing Great Plains in order to consolidate the agency's use of multiple different financial systems into 1 agency financial system. The implementation will directly impact needed increased efficiencies to overall ADE agency (including SAIS/accountability) financial and funding processing and management. Required Project Investment Justification(PIJ) document approved September 6, 2011 to ADOA ASET. Executive Project Kick-off was 10/5/11. Requirements gathering commenced.

- **Identity Access Management (IAM)** encapsulates people, processes and products to identify and manage the data used in an information system to authenticate users and grant or deny access rights to data and system resources. The goal of IAM is to provide appropriate access to enterprise resources for Arizona Universities, School Districts, Students, and Parents. IAM comprises four main components namely, Authentication, Authorization, User Management and Central User Repository. Its goal is to provide the right access to the right people in order to protect information sources (FERPA). Forefront Identity Management(FIM) Benefits include:
 - Phased approach to providing access controls for the statewide implementation of AELAS.
 - Improves and simplifies security by providing federation capability to multiple systems thus providing users single logon capability.
 - Improves compliance with FERPA

Status Update: IAM project is just beginning planning stages.

- Project Kick-off complete October 5, 2011
- DRAFT Project Investment Justification (PIJ) started. October 31 is the target date for approval.
- Project Charter, Project Management Plan, Risk Management Plan, Communication Plan, and Project Schedule are started. October 31 is the target date for document completion and obtain approvals.
- Project Steering Committee is defined and participants are still being established. October 14 is the target date to have a full Steering Committee defined.
- Discovery Phase is started. Scope and project schedules to be defined by target date of October 31.

AELAS: (Arizona Education Learning and Accountability System) is the Statewide Education Management Information System that will provide Arizona Districts, Schools, children, and parents services that will enable our educators to focus limited resources to improve student achievement and reduce overall infrastructure costs. Services to be provided potentially include Student Information Systems (SIS), Assessment Systems, HR and Financial Systems etc... ***Status Update:*** Per Board decision the planning stages of AELAS have been set into motion. The following activities in the short term have been scheduled planning dates will be provided in later updates.

- Rebrand AELAS to align with a Governors and Superintendents Strategic vision
- Define Infrastructure Backbone requirements and build SOW for RFP
- Define Services that are required to be provided for a Statewide Education Management System.
- Define user requirements of SIS, Assessment Systems, HR and Financial Systems Requirements along with selected districts and schools delegates recommended by the state's 5 Regional Centers to ensure broad based support for the State of Arizona
- Identify Districts and Schools that want to be involved in the early implementation of this system.

Status Update: Met with Governor's Office 9/1/11 to align new branding efforts. AELAS rename has been assigned to ADE IT and to be approved by Governor's. The middle tier provides business logic and connects multiple systems and applications with each other. In this layer, Application servers handle transactions between applications and systems, Enterprise integration services make disparate systems work together, and Workflow services define business processes.

Status Update: LearningMate is providing "Middle Tier" consulting services starting with requirements gathering which will result in providing required data to create feasibility study then AELAS business plan.

- **Data Governance Commission:** Pursuant to Arizona Revised Statutes A.R.S. § 15-249.01, the purpose of the commission is to (1) identify, examine and evaluate the needs of public institutions who provide instruction to pupils in preschool, kindergarten, grades one through twelve and postsecondary programs in Arizona; (2) provide recommendations on technology spending; and (3) provide analyses and recommendations.

Status Update: As of 10/6/11, the submission date of this report, the next Data Governance Meeting is set for October 21, 2011. The DGC approved budget and continued work for SAIS Optimization Assessment (all phases), Identity Management System (all phases), Great Plains phases, 1 & 2.

BOARD ACTION REQUESTED: ☒ INFORMATION ☐ ACTION/DESCRIBED BELOW

Approval by the State Board of Education for \$2,020,646 per recommendation of Data Governance Commission and continue work for SAIS Optimization Assessment (all phases), Identity Management System (all phases), Great Plains phases, 1 & 2.

ATTACHMENTS: YES ☒ NO ☐